

**Atari[®] MEGA STE[™]
Coprocessor Installation Kit**

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Coprocessor Installation Kit for the Atari® MEGA STE™

Kit Contents

Your Atari Coprocessor kit P/N CA401092-001 should contain the following items:

- Coprocessor Chip Part Number: C101718-101
- PAL Chip Part Number: C301903-001
- Installation Manual Part Number: C302228-001

If any of these components are missing from your kit please contact the outlet from which the kit was purchased.

Tools Required:

- Phillips screwdriver
- Flat blade (slotted) screwdriver

Installation

The following steps should be completed in the following order to install the Coprocessor in your Atari MEGA STE computer. Carefully read each step all the way through before taking any action required by that step.

WARNING

This installation should be performed in a static free environment. Static can cause damage to the coprocessor and PAL chips. Failure to perform each step completely or skipping steps could result in damage to the RAM Expansion board or your computer.

1. Turn off your computer and disconnect all cables from the sides and back of the unit (for example the keyboard, power cord, external disk drive and so on.).

2. Remove the accessory and top cover.
3. Locate the socket for the coprocessor UB2 as shown in Figure 1.

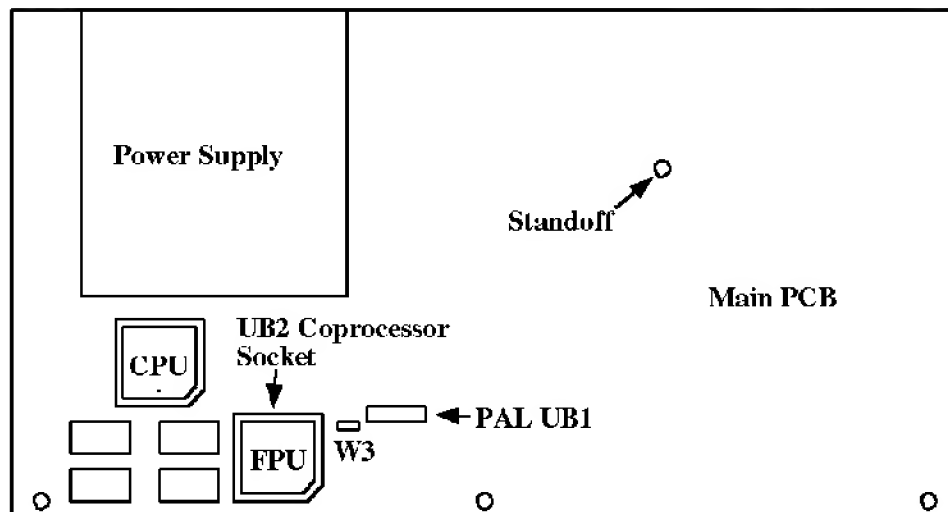


Figure 1

WARNING

When installing the coprocessor be sure not to bend any of the pins on the chip.

Install the coprocessor in the socket at UB2 with the dot on the coprocessor facing toward you and the beveled edge of the coprocessor lined up with the beveled edge of the socket. See Figure 1.

4. Locate the socket for the PAL chip UB1. See Figure 1.
5. Install the PAL chip in socket UB1 with the notch facing toward the left. See Figure 1.

WARNING

When installing the PAL chip be sure not to bend any of the pins on the chip.

6. Locate the jumper labeled W3. See Figure 1. Some main PCB's do not have a jumper. If this is the case skip step 7 and perform steps 8 through 12.

7. Remove the jumper labeled W3 and park it on 1 pin. Skip steps 8 through 11 and continue with step 12.
8. Remove the main PCB and turn it over with the electronic parts facing down.
9. Locate the resistor on the socket for the PAL chip UB1. It should be the only electronic part on that side of the main PCB.
10. With a pair of wire cutters, cut the wires coming out of each end of the resistor and discard it.
11. Turn the main PCB back over and install it in the bottom case.
12. Put the accessory and top case back on the computer.

Notes

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